

85829-8 ✓ ACTIVE

AMPMODU | AMPMODU MOD 1

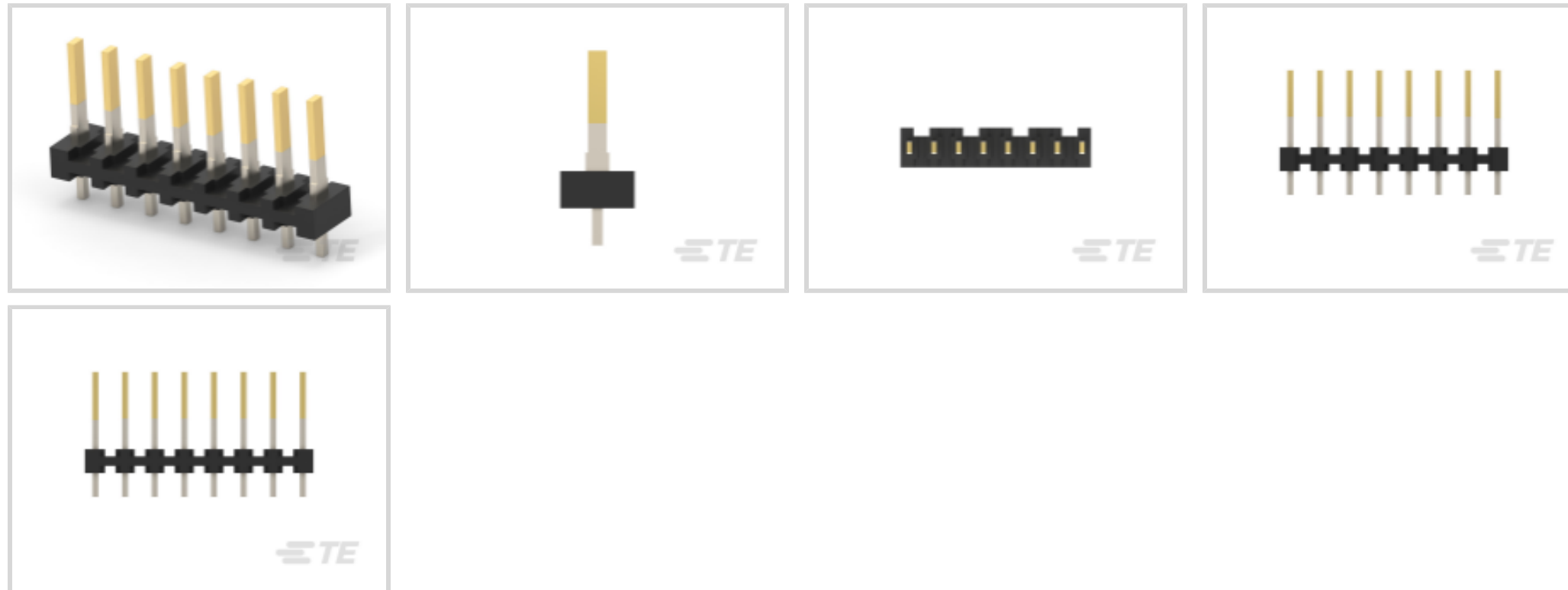
TE Internal #: 85829-8

PCB Mount Header, Vertical, Board-to-Board / Wire-to-Board, 8
Position, 3.96 mm [.156 in] Centerline, Breakaway, Gold,
AMPMODU MOD 1

[View on TE.com >](#)



Connectors > PCB Connectors > PCB Headers & Receptacles



EU RoHS Compliance: **Compliant**

EU ELV Compliance: **Compliant**

PCB Connector Assembly Type: **PCB Mount Header**

PCB Mount Orientation: **Vertical**

Connector System: **Wire-to-Board, Board-to-Board**

Features

Contact Features

	50 µin
Contact Mating Area Plating Material Thickness	.76 µm[30 µin]
Mating Tab Width	1.6 mm[.063 in]
Contact Mating Area Length	10.29 mm[.405 in]
Contact Base Material	Brass
Mating Tab Thickness	.79 mm[.031 in]
PCB Contact Termination Area Plating Material	Gold
Contact Mating Area Plating Material	Gold
Contact Type	Pin
Contact Current Rating (Max)	3 A

Other

EU RoHS Compliance	Compliant
EU ELV Compliance	Compliant

Product Type Features



PCB Connector Assembly Type	PCB Mount Header
Connector System	Wire-to-Board, Board-to-Board
Header Type	Breakaway
Connector & Contact Terminates To	Printed Circuit Board

Configuration Features

Board-to-Board Configuration	Parallel
PCB Mount Orientation	Vertical
Number of Positions	8
Number of Rows	1

Electrical Characteristics

Contact Resistance	12 mΩ
Dielectric Withstanding Voltage (Max)	1200 VACrms

Body Features

Primary Product Color	Black
-----------------------	-------

Termination Features

Rectangular Termination Post & Tail Width	.89 mm[.035 in]
Rectangular Termination Post & Tail Thickness	.79 mm[.031 in]
Termination Post & Tail Length	3.18 mm[.125 in]
Termination Method to PCB	Through Hole - Solder

Mechanical Attachment

Mating Alignment Type	Keyed
PCB Mount Retention	Without
Connector Mounting Type	Board Mount
Mating Alignment	With

Housing Features

Housing Material	Thermoplastic
Centerline (Pitch)	3.96 mm[.156 in]

Dimensions

PCB Thickness (Recommended)	1.79 mm[.07 in]
-----------------------------	-----------------

Usage Conditions

Operating Temperature Range	-65 – 105 °C[-85 – 221 °F]
-----------------------------	----------------------------



Operation/Application

Circuit Application	Signal
---------------------	--------

Industry Standards

Compatible With Approved Standards Products	UL E28476, CSA LR16455
UL Flammability Rating	UL 94V-0

Packaging Features

Packaging Quantity	129
Packaging Method	Carton

Product Compliance

[For compliance documentation, visit the product page on TE.com>](#)

EU RoHS Directive 2011/65/EU	Compliant
EU ELV Directive 2000/53/EC	Compliant
China RoHS 2 Directive MIIT Order No 32, 2016	No Restricted Materials Above Threshold
EU REACH Regulation (EC) No. 1907/2006	Current ECHA Candidate List: JUNE 2024 (241) Candidate List Declared Against: JUNE 2024 (241) Does not contain REACH SVHC
Halogen Content	Not Low Halogen - contains Br or Cl > 900 ppm.
Solder Process Capability	Wave solder capable to 240°C

Product Compliance Disclaimer

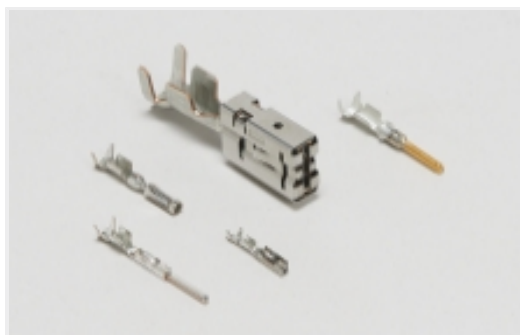
This information is provided based on reasonable inquiry of our suppliers and represents our current actual knowledge based on the information they provided. This information is subject to change. The part numbers that TE has identified as EU RoHS compliant have a maximum concentration of 0.1% by weight in homogenous materials for lead, hexavalent chromium, mercury, PBB, PBDE, DBP, BBP, DEHP, DIBP, and 0.01% for cadmium, or qualify for an exemption to these limits as defined in the Annexes of Directive 2011/65/EU (RoHS2). Finished electrical and electronic equipment products will be CE marked as required by Directive 2011/65/EU. Components may not be CE marked. Additionally, the part numbers that TE has identified as EU ELV compliant have a maximum concentration of 0.1% by weight in homogenous materials for lead, hexavalent chromium, and mercury, and 0.01% for cadmium, or qualify for an exemption to these limits as defined in the Annexes of Directive 2000/53/EC (ELV). Regarding the REACH Regulation, the information TE provides on SVHC in articles for this part number is based on the latest European Chemicals Agency (ECHA) 'Guidance on requirements for substances in articles' posted at this URL: <https://echa.europa.eu/guidance-documents/guidance-on-reach>

Compatible Parts



TE Part # 87984-8
08 MODI BDMNT RCPT SR .156CL

Also in the Series | AMPMODU MOD 1



Automotive Terminals(4)



Board-to-Board Jumpers & Shunts(5)



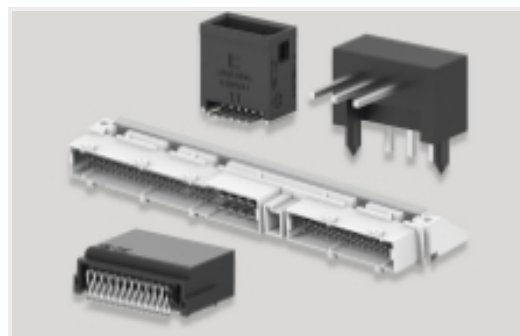
Connector Contacts(75)



Connector Hardware(2)



Insertion & Extraction Tools(1)



PCB Headers & Receptacles(105)



Wire-to-Board Connector Assemblies & Housings(16)

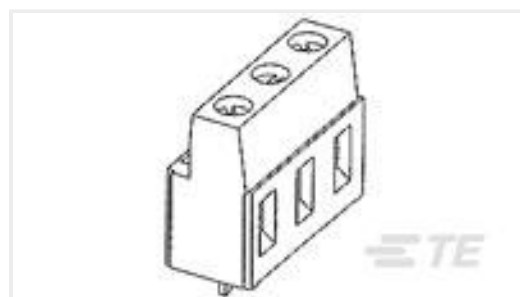
Customers Also Bought



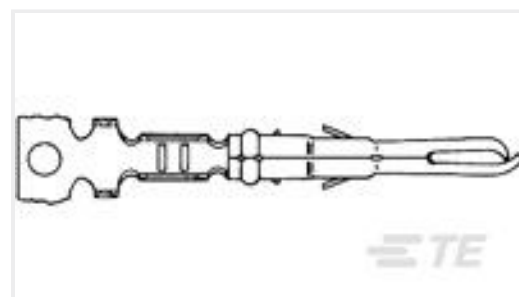
TE Part #5-102617-8
20 MODII HDR DRRA SHRD LF



TE Part #1-87631-5
20 MODIV HSG COMP DR .100 POL



TE Part #282845-2
TERM-BLOK,PCB MNT,90DG,2P,7.62



TE Part #640545-2
MR SPLIT PIN 26-18 AUPHBRZ LP



TE Part #1617031-1
HFW1201K00 = HFW 1/2 SIZE RELA



Documents

Product Drawings

[08 MODI HDR SRST .156CL](#)

English

CAD Files

[3D PDF](#)

3D

Customer View Model

[ENG_CVM_CVM_85829-8_AB.2d_dxf.zip](#)

English

Customer View Model

[ENG_CVM_CVM_85829-8_AB.3d_igs.zip](#)

English

Customer View Model

[ENG_CVM_CVM_85829-8_AB.3d_stp.zip](#)

English

By downloading the CAD file I accept and agree to the [Terms and Conditions](#) of use.

Instruction Sheets

[Instruction Sheet \(U.S.\)](#)

English

[AMPMODU HEADER ASSEMBLIES \(WITH MOD I POSTS\)](#)

English